

## International Workshop on Alternatives to the Murine Histamine Sensitization Test (HIST) for Acellular Pertussis Vaccines: State of the Science and the Path Forward

November 28–29, 2012
William H. Natcher Conference Center
National Institutes of Health
Bethesda, Maryland, USA

## Organized by members of the International Cooperation on Alternative Test Methods:

**NICEATM** - National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods

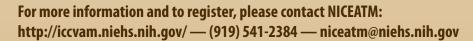
ICCVAM - Interagency Coordinating Committee on the Validation of Alternative Methods

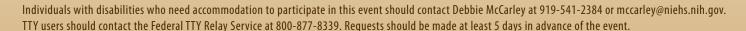
**EURL ECVAM** - European Union Reference Laboratory for Alternatives to Animal Testing

**JaCVAM** - Japanese Center for the Validation of Alternative Methods

**KoCVAM** - Korean Center for the Validation of Alternative Methods

**Health Canada** 





## ICCVAM Agencies:

- Agency for Toxic Substances and Disease Registry
- Consumer Product Safety Commission
- Department of Agriculture
- Department of Defense
- Department of Energy
- Food and Drug Administration
- National Cancer Institute
- Department of Transportation
- National Institute for Occupational Safety and Health
- National Institute of Environmental Health Sciences
- National Institutes of Health
- National Library of Medicine
- Department of the Interior
- Occupational Safety and Health Administration
- Environmental Protection Agency



Photomicrograph courtesy of Johnny Carson, PhD, Department of Pediatrics, University of North Carolina School of Medicine.

Line graph courtesy of U.S. Centers for Disease Control and Prevention

Vaccination photograph courtesy of James Gathany, U.S. Centers for Disease Control and Prevention.







